

Jewelry 3D Printing Solutions

WhatsApp: (+86)132-6066-6016 (Mark)

Sales2@nova3dp.com

GEM3 Series



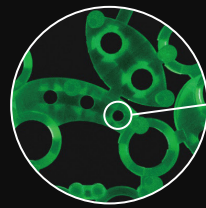
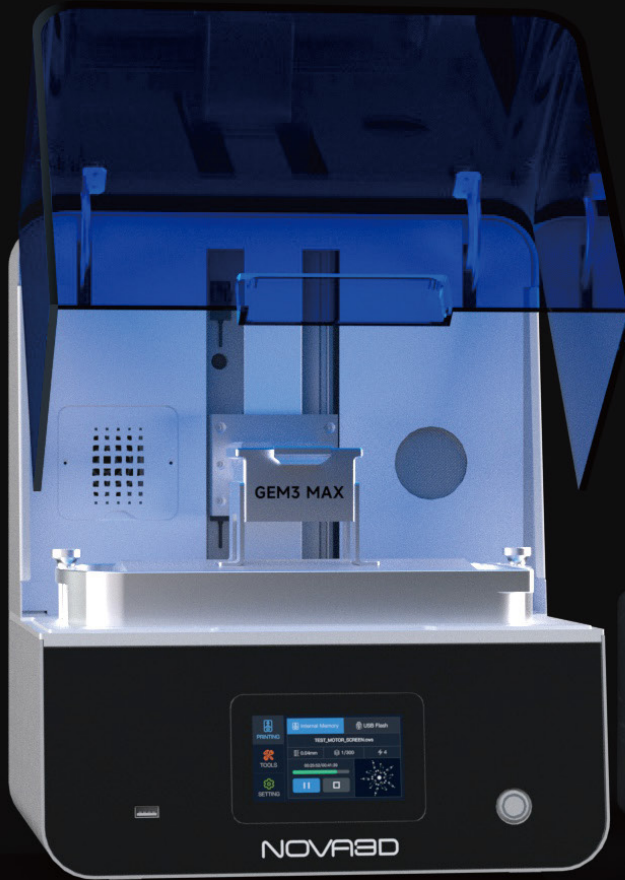
Exceptional
Light Uniformity



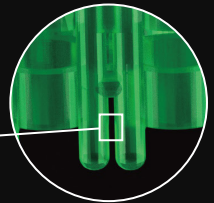
Stable
Batch Production



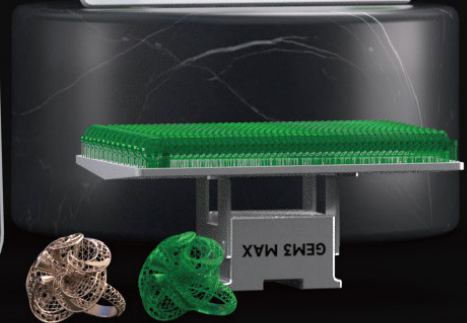
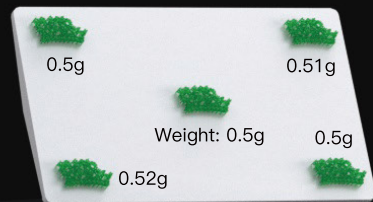
Heating
Air Purification



Minimum Aperture
0.4mm (Diameter)



Minimum Gap
0.14mm



GEM3 Series Product Specifications

Model	GEM3	GEM3 MAX
Resolution	9072*5120	15120*6230
Pixel Size	17*17um	14*19um
Build Volume	154*87*120mm	221*118*120mm

Fastcure2 & UltraCure

Professional Washing & Curing Machines for Jewelry

FastCure2: High-power, large-capacity curing machine. Hybrid light source technology and vertical lens focusing system generate high-energy light blades for 360° rotation curing, ensuring uniform and efficient results.

UltraCure: All-in-one ultrasonic washing and UV curing machine. Breaks traditional size limitations to perfectly present every jewelry printed piece.



Large-Size Curing
(Φ200mm*250mm)



High-Speed & Efficient Curing
(Full High-Energy Light Blade Coverage)



Hybrid Light Source
(385nm+405nm)

Electroplating Crystal Red Resin

A high-precision resin developed for electroforming, featuring heat resistance (150°C), high accuracy, smooth surface, high hardness, and strong adhesion. Ideal as a base model resin for electroplating gold, silver, copper, and other metals.

Applications

- Jewelry Electroforming Models
- High-Precision Jewelry Models



Property	Test Method	Unit	Value
Curing Wavelength	/	nm	385/405
Heat Deflection Temp	ASTM D638-14	°C	150
Shrinkage Rate	ASTM D638-14	%	2
Notched Impact Strength	ASTM D256-10	J/m ²	25-35
Color	Red		

Jewelry Castable Resin

Developed for jewelry casting, this resin offers high precision and high wax content for rapid vaporization with zero residue. Cast gold, silver, and other metals exhibit smooth surfaces and high detail fidelity. Perfect for jewelry casting

Applications

- Jewelry Casting



Property	Test Method	Unit	Value
Curing Wavelength	/	nm	385/405
Vaporization Temperature	ASTM D638-14	°C	200
Shrinkage Rate	ASTM D638-14	%	2
Notched Impact Strength	ASTM D256-10	J/m ²	25-35
Color	Emerald Green		

High-Temperature Rubber Mold Resin

Specially developed for rubber mold pressing, this resin withstands deformation at 200°C and 270°C. Printed jewelry models feature smooth surfaces and lossless details, ideal for rubber mold-type jewelry models.

Applications

- Rubber Mold Jewelry Models
- Engineering High-Temp Models



Property	Test Method	Unit	Value
Curing Wavelength	/	nm	385/405
Heat Deflection Temp	ASTM D638-14	°C	200/270
Shrinkage Rate	ASTM D638-14	%	2
Notched Impact Strength	ASTM D256-10	J/m²	25-35
Color	Red		